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(FILE 'HOME' ENTERED AT 18:53:34 ON 09 AUG 2001)

FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH' ENTERED AT 18:54:20 ON 09 AUG 2001

L1 1145 S ANGIOSTATIN
L2 30070 S PHOSPHOROTHIOATE OR NAC OR AMIFOSTINE
L3 314427 S METASTAS?
L4 1 S L1 AND L2 AND L3

=> d bib ab 14

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS
AN 2000:688056 CAPLUS
DN 133:247270
TI **Phosphorothioates** and **phosphorothioate** metabolites for protection against tumor **metastasis** formation
IN Grdina, David J.; Milas, Luka
PA Arch Development Corp., USA; Board of Regents, the University of Texas System
SO PCT Int. Appl., 57 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000056299	A2	20000928	WO 2000-US6653	20000314
	WO 2000056299	A3	20010118		
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

PRAI US 1999-125605 P 19990319
US 2000-523886 A1 20000313

AB Methods and pharmaceuticals are provided for inhibiting or preventing **metastasis** formation in animals, including humans, having primary tumors, through the administration of **phosphorothioates** including their thiol and disulfide metabolites. These compds. stimulate **angiostatin** levels, inhibit matrix metalloproteinases, and stimulate manganese superoxide dismutase. **Phosphorothioates**, e.g. **amifostine**, can be administered as a combination therapy with traditional cancer therapies, including chemotherapy, radiotherapy, surgery, immunotherapy, hormone therapy, and gene therapy. Inhibition or prevention of **metastasis** by **phosphorothioates** is independent of tumor type, including adenocarcinomas and sarcomas.

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- TI Weichselbaum, Ralph R.; Hunter, Nancy; Milas, Luka
 Prevention of spontaneous **metastases** formation in murine tumor
 models by **Amifostine**.
- SO Proceedings of the American Association for Cancer Research Annual
 Meeting, (March, 2000) No. 41, pp. 485.
 Meeting Info.: 91st Annual Meeting of the American Association for Cancer
 Research. San Francisco, California, USA April 01-05, 2000
 ISSN: 0197-016X.
- L4 ANSWER 7 OF 44 BIOSIS COPYRIGHT 2001 BIOSIS
 AU Micke, O. (1); Schaefer, U. (1); Horn, K. (1); Hampel, G. (1); Willich,
 N.
 (1)
 TI High-dose re-irradiation with concomitant application of Ethyol (**Amifostine**) in recurrent pelvic tumors: Results from a prospective
 phase II study.
- SO Radiotherapy & Oncology, (September, 2000) Vol. 56, No. Supplement 1, pp.
 S177. print.
 Meeting Info.: 19th Annual Meeting of the European Society for
 Therapeutic
 Radiology and Oncology Istanbul, Turkey September 19-23, 2000
 ISSN: 0167-8140.
- L4 ANSWER 8 OF 44 BIOSIS COPYRIGHT 2001 BIOSIS
 AU Vujaskovic, Z. (1); Feng, Q. F. (1); Brizel, D. M. (1); Anscher, M. S.
 (1)
 TI Assessment of the protective effect of **amifostine** on radiation
 induced pulmonary toxicity.
- SO International Journal of Radiation Oncology Biology Physics, (2000) Vol.
 48, No. 3 Supplement, pp. 163-164. print.
 Meeting Info.: 42nd Annual Meeting of the American Society for
 Therapeutic
 Radiology and Oncology Boston, Massachusetts, USA October 22-26, 2000
 American Society for Therapeutic Radiology and Oncology
 . ISSN: 0360-3016.
- L4 ANSWER 9 OF 44 BIOSIS COPYRIGHT 2001 BIOSIS
 AU Ozyar, E. (1); Selek, U. (1); Akyol, F. H. (1); Atahan, I. L. (1)
 TI Cytoprotection with **Amifostine** (AMF) during radiotherapy of head
 and neck tumors.
- SO Radiotherapy & Oncology, (September, 2000) Vol. 56, No. Supplement 1, pp.
 S156. print.
 Meeting Info.: 19th Annual Meeting of the European Society for
 Therapeutic
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 ISSN: 0167-8140.
- L4 ANSWER 10 OF 44 BIOSIS COPYRIGHT 2001 BIOSIS
 AU Ozsahin, M. (1); Kutter, J.; Martinet, S. (1); Zouhair, A. (1); Pasche,
 P.; Stupp, R.
 TI Promising results using weekly concomitant boost accelerated radiotherapy
 and concomitant full-dose chemotherapy in locally advanced squamous-cell
 carcinoma of the head and neck (SCCHN).
- SO Radiotherapy & Oncology, (September, 2000) Vol. 56, No. Supplement 1, pp.
 S68. print.
 Meeting Info.: 19th Annual Meeting of the European Society for
 Therapeutic
 Radiology and Oncology Istanbul, Turkey September 19-23, 2000
 ISSN: 0167-8140.

- L4 ANSWER 11 OF 44 MEDLINE
AU Movsas B
TI Innovative treatment strategies in locally advanced and/or unresectable non-small cell lung cancer.
SO CANCER CONTROL, (2000 Jan-Feb) 7 (1) 25-34. Ref: 71
Journal code: DLG; 9438457. ISSN: 1073-2748.
- L4 ANSWER 12 OF 44 CAPLUS COPYRIGHT 2001 ACS
IN Dack, Kevin Neil; Whitlock, Gavin Alistair
TI Preparation of N-hydroxytetrahydropyridylsulfonylacetamides and related compounds as matrix metalloprotease inhibitors.
SO PCT Int. Appl., 149 pp.
CODEN: PIXXD2
- L4 ANSWER 13 OF 44 CAPLUS COPYRIGHT 2001 ACS
AU Gelmon, K.; Eisenhauer, E.; Bryce, C.; Tolcher, A.; Mayer, L.; Tomlinson, E.; Zee, B.; Blackstein, M.; Tomiak, E.; Yau, J.; Batist, G.; Fisher, B.; Iglesias, J.
TI Randomized phase II study of high-dose paclitaxel with or without **amifostine** in patients with metastatic breast cancer
SO J. Clin. Oncol. (1999), 17(10), 3038-3047
CODEN: JCONDN; ISSN: 0732-183X
- L4 ANSWER 14 OF 44 CAPLUS COPYRIGHT 2001 ACS
IN Hanaoka, Miyoji; Ekimoto, Hisao; Kobayashi, Fumiko; Irie, Yukio; Takahashi, Katsutoshi; Suzuki, Masanobu; Nakanishi, Takeshi; Kogawa, Osamu; Ishikawa, Keizou
TI Preparation of benzo[c]phenanthridinium salts as antitumor agents.
SO U.S., 15 pp. Cont.-in-part of U.S. Ser. No. 784,699, abandoned.
CODEN: USXXAM
- L4 ANSWER 15 OF 44 MEDLINE DUPLICATE 2
AU Mohr P; Makki A; Breitbart E; Schadendorf D
TI Combined treatment of stage IV melanoma patients with **amifostine** and fotemustine--a pilot study.
SO MELANOMA RESEARCH, (1998 Apr) 8 (2) 166-9.
Journal code: BJR; 9109623. ISSN: 0960-8931.
- L4 ANSWER 16 OF 44 MEDLINE
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TI Mitomycin C and vinblastine in combination with **amifostine** in metastatic breast cancer. A feasibility study of the EORTC--Investigational Drug Branch for Breast Cancer (IDBBC).
SO SUPPORTIVE CARE IN CANCER, (1997 Sep) 5 (5) 414-6.
Journal code: B1L; 9302957. ISSN: 0941-4355.
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TI Phase II evaluation of cisplatin and **WR2721** for refractory metastatic breast cancer.
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Journal code: 3EZ; 8207754. ISSN: 0277-3732.
- L4 ANSWER 18 OF 44 CAPLUS COPYRIGHT 2001 ACS
AU Piccart, Martine J.; Di Leo, Angelo
TI Future perspectives of docetaxel (Taxotere) in front-line therapy
SO Semin. Oncol. (1997), 24(4, Suppl. 10), S27-S33

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TI Future perspectives of docetaxel (Taxotere) in front-line therapy.
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Journal code: UN5; 0420432. ISSN: 0093-7754.
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TI High-dose cisplatin and vinblastine plus **amifostine** for
metastatic non-small cell lung cancer
SO Semin. Oncol. (1996), 23(4, Suppl. 8), 78-82
CODEN: SOLGAV; ISSN: 0093-7754
- L4 ANSWER 21 OF 44 CAPLUS COPYRIGHT 2001 ACS
IN Ikeda, Yoshiharu; Ueki, Yasuyuki; Kishimoto, Hisakazu; Nishihara, Toshio;
Kamikawa, Yumiko
TI Preparation of peptides containing 2,3-diaminopropionic acid derivatives
having selective affinity to cell adhesion activating protein receptors
SO PCT Int. Appl., 231 pp.
CODEN: PIXXD2
- L4 ANSWER 22 OF 44 CAPLUS COPYRIGHT 2001 ACS
IN Sato, Masakazu; Manaka, Akira; Takahashi, Keiko; Kawashima, Yutaka;
Hatayama, Katsuo
TI Preparation of thiazoline derivatives with fibrinogen receptor antagonism
and cell adhesion factor antagonism
SO PCT Int. Appl., 37 pp.
CODEN: PIXXD2
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AU McDonald S; Meyerowitz C; Smudzin T; Rubin P
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irradiation of the head and neck to reduce salivary gland dysfunction.
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1) 29 (4) 747-54.
Journal code: G97; 7603616. ISSN: 0360-3016.
- L4 ANSWER 24 OF 44 CAPLUS COPYRIGHT 2001 ACS
IN Nishikawa, Naoyuki; Orikasa, Atsushi; Komazawa, Hiroyuki; Kojima,
Masayoshi; Saiki, Ikuo; Azuma, Ichiro
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metastasis inhibitors
SO PCT Int. Appl., 77 pp.
CODEN: PIXXD2
- L4 ANSWER 25 OF 44 MEDLINE
AU Rivoire M
TI [Cancers of the colon and the rectum: news in 1992].
Cancers du colon et du rectum: nouveautés en 1992.
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melanoma: a pilot study.
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Journal code: JCO; 8309333. ISSN: 0732-183X.

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Journal code: 3EZ; 8207754. ISSN: 0277-3732.
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IN Ohba, Masataka; Kumagai, Hiromichi; Harie, Shunsaku; Uchida, Keiichi
TI Preparation of cyclic peptides for inhibition of cancer **metastasis** and agglutination of platelets
SO PCT Int. Appl., 51 pp.
CODEN: PIXXD2
- L4 ANSWER 29 OF 44 MEDLINE
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Journal code: G97; 7603616. ISSN: 0360-3016.
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TI Radioprotectors in tumor radiotherapy: factors and settings determining therapeutic ratio.
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Journal code: P44; 7905840. ISSN: 0163-7258.
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Journal code: JCO; 8309333. ISSN: 0732-183X.
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AU Warrell R P Jr
TI New inhibitors of osteolysis: implications for hypercalcemia and bone **metastases**.
SO JOURNAL OF CLINICAL ONCOLOGY, (1986 Aug) 4 (8) 1160-1.
Journal code: JCO; 8309333. ISSN: 0732-183X.
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TI Protection by WR-2721 of human bone marrow function following irradiation.
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Journal code: G97; 7603616. ISSN: 0360-3016.
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TI Combined use of drugs and radiation in the treatment of liver **metastases**.

- SO RECENT RESULTS IN CANCER RESEARCH, (1986) 100 298-306.
Journal code: R1Y; 0044671. ISSN: 0080-0015.
- L4 ANSWER 35 OF 44 MEDLINE
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Journal code: CLZ; 0374236. ISSN: 0008-543X.
- L4 ANSWER 36 OF 44 MEDLINE
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SO ACTA RADIOLOGICA. ONCOLOGY, (1985 May-Jun) 24 (3) 259-62.
Journal code: 1YL; 8209606. ISSN: 0349-652X.
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Journal code: CNF; 2984705R. ISSN: 0008-5472.
- L4 ANSWER 38 OF 44 BIOSIS COPYRIGHT 2001 BIOSIS
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- L4 ANSWER 39 OF 44 MEDLINE DUPLICATE 4
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- L4 ANSWER 40 OF 44 MEDLINE DUPLICATE 5
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- L4 ANSWER 41 OF 44 MEDLINE
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Journal code: G97; 7603616. ISSN: 0360-3016.
- L4 ANSWER 42 OF 44 BIOSIS COPYRIGHT 2001 BIOSIS
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TI RADIO PROTECTION AND CHEMO PROTECTION BY WR-2721 S-2-3

AMINOPROPYLAMINOETHYL **PHOSPHOROTHIOIC-ACID** OF A MURINE
FIBRO SARCOMA GROWING IN THE LEG OR AS LUNG MICRO **METASTASES**.
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ORLANDO, FLA., USA, OCT. 25-29, 1982. INT J RADIAT ONCOL BIOL PHYS.
(1982)
8 (SUPPL 1), 96-97.
CODEN: IOBPD3. ISSN: 0360-3016.

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cancer.
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Journal code: 2LU; 0121103. ISSN: 0065-2598.

L4 ANSWER 44 OF 44 CAPLUS COPYRIGHT 2001 ACS
AU Ullrich, R. L.; Jernigan, M. C.; Yuhas, J. M.
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SO Report (1975), CONF-751001-1, 4 pp. Avail.: NTIS
From: ERDA Res. Abstr. 1976, 1(1), Abstr. No. 00686

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